

Hudson County



HUDSON

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Amoco Service Station Union City

2600 John F. Kennedy Boulevard

Union City

Hudson County

BLOCK: 146 **LOT:** 6

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Gas Station
OPERATION STATUS: Active

PROPERTY SIZE: .25 Acre

SURROUNDING LAND USE: Commercial/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Gasoline
Volatile Organic Compounds

STATUS

Removed/Further Monitoring
Required

Soil

Gasoline
Volatile Organic Compounds

Further Monitoring Required

FUNDING SOURCES




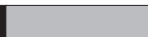




Spill Fund

AMOUNT AUTHORIZED

\$420,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The soil and ground water at this site became contaminated with volatile organic compounds due to leaking underground storage tanks. In 1987, NJDEP installed a vapor extraction system to abate potentially explosive gasoline vapors in the basement of an adjacent apartment building. Also that year, NJDEP installed a ground water extraction and treatment system and monitor wells. Operation and maintenance of the vapor extraction system continued until November 1993, when the system was shut down because significant amounts of vapor were no longer being collected. Treatment of the ground water has also been discontinued. NJDEP is conducting ground water monitoring at the site to evaluate the effectiveness of the remedial action.

PROJECT NAME	R/FS	DESIGN	CONSTR	O&M	
Ground Water Pump & Treat					 Planned
					 Underway
					 Completed
					 Not Required

Hudson County Chromate – Publicly Funded Sites

Various Locations

Jersey and Bayonne Cities Essex and Hudson Counties

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Various

SURROUNDING LAND USE: Industrial/Commercial/Residential

MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Chromium	Suspected
Surface Water	Chromium	Suspected
Sediment	Chromium	Suspected
Soil	Chromium	Suspected/Delineating/Capped
Structures	Chromium	Suspected
Air	Chromium	Suspected

FUNDING SOURCES

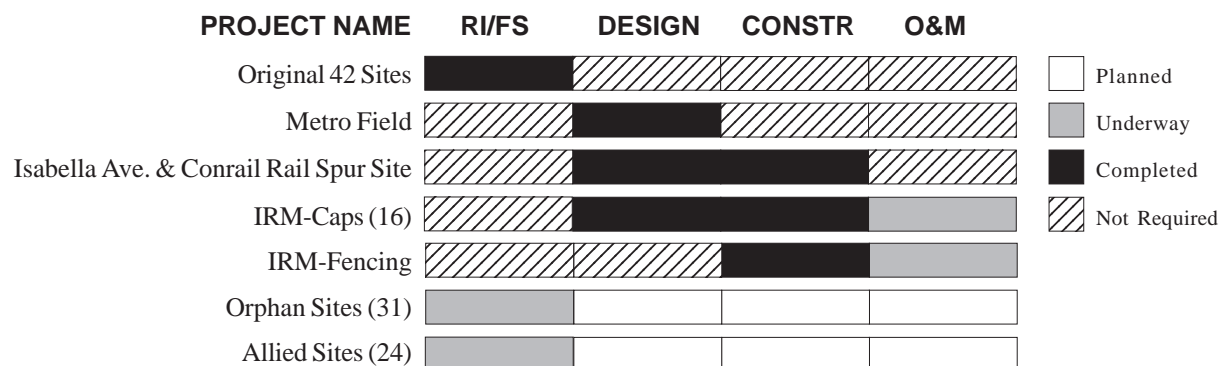
AMOUNT AUTHORIZED

1981 Bond Fund	\$5,301,000
1986 Bond Fund	\$4,000,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

NJDEP has identified 180 sites in Hudson and Essex Counties that were contaminated with chromite ore processing residue, also known as chromate waste. This waste resulted from extracting chromium from chromite ore at three chromium processing facilities in Hudson County. The facilities, which are no longer in operation, used the waste as fill at residential, commercial and industrial properties. It is estimated that approximately two million tons of chromate waste were disposed of in this manner. All 37 residential sites have been completely cleaned up by the Potentially Responsible Parties. At these sites, the chromium-contaminated soil was excavated and disposed of at a hazardous waste landfill. The Potentially Responsible Parties have also completed full cleanups at 11 nonresidential sites, and are in the process of addressing the contamination at approximately 77 other nonresidential sites.

NJDEP is conducting Remedial Investigations (RI) at the remaining 55 sites to delineate the extent of the contamination and identify cleanup options. These sites include 31 sites for which no responsible parties have been identified, known as the Orphan sites, and 24 sites known as Allied Directive sites that NJDEP believes are the responsibility of AlliedSignal Inc. The company has denied responsibility for these sites. Various Interim Remedial Measures (IRMs) have been conducted by NJDEP, including capping 16 sites and fencing nine others. The RI work consists of soil, sediment, surface water, ground water, biota and building sampling and analysis. The RI work on the Allied Directive sites began in 1994, and RI work for the Orphan sites began in early 1997.



Hudson County Chromate – Publicly Funded Sites

as of June 30, 1998

Zone Codes:	Res. = Residential Ind. = Industrial	P.L. = Public Lands Com. = Commercial	Type:	A.D. = Allied Directive O.G.1 = Orphan Group 1 O.G.2 = Orphan Group 2
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Site Name	Location	Also Known As	City	Zone	Type
Hudson Co. Chromate 7	NJTP & Communipaw Avenue	CR007-NJTP & Communipaw	Jersey City	P.L.	A.D.
Hudson Co. Chromate 15	East of Env. Interpret. Center	Liberty State Park	Jersey City	P.L.	A.D.
Hudson Co. Chromate 17	Newark Ave & Howell Street	Newark Ave Exxon	Jersey City	Com.	O.G.1
Hudson Co. Chromate 19	Phillip St Junction	CR019 Phillip Street	Jersey City	P.L.	A.D.
Hudson Co. Chromate 20	Below NJTP Exit 14B	NJTP Bayview	Jersey City	P.L.	O.G.1
Hudson Co. Chromate 21	NJTP at Piers 20 & 21	NJTP Greenville	Jersey City	P.L.	O.G.1
Hudson Co. Chromate 67	Chapel & Linden Avenues	CR067 Chapel Avenue	Jersey City	Ind.	A.D.
Hudson Co. Chromate 68	Foot of Clendenny Avenue	Clendenny Outfall	Jersey City	P.L.	A.D.
Hudson Co. Chromate 69	Clendenny Avenue	Rear of Bradleys Store	Jersey City	P.L.	A.D.
Hudson Co. Chromate 70	Communipaw Avenue	Colony Restaurant & Diner	Jersey City	Com.	A.D.
Hudson Co. Chromate 77	383 8th Street	Eighth Street #2	Jersey City	Com.	O.G.1
Hudson Co. Chromate 86	123 Duffield Avenue	Nicholas/Hamilton Trucking	Jersey City	Ind.	O.G.1
Hudson Co. Chromate 91	NJTP & Johnston Avenue	NE Interceptor 1	Jersey City	P.L.	A.D.
Hudson Co. Chromate 92	NJTP & Ash Street	E Interceptor 2	Jersey City	P.L.	A.D.
Hudson Co. Chromate 93	Communipaw Ave & Phillip St	NE Interceptor 3	Jersey City	P.L.	A.D.
Hudson Co. Chromate 94	18th St & Jersey Avenue	18th Street Sewer	Jersey City	Com.	A.D.
Hudson Co. Chromate 97	Near Secaucus Road	NW Interceptor 1	Jersey City	P.L.	A.D.
Hudson Co. Chromate 98	Co. Rd Extension	NW Interceptor 2	Jersey City	P.L.	A.D.
Hudson Co. Chromate 99	375 Routes 1 & 9	Recycling Specialty	Jersey City	Ind.	A.D.
Hudson Co. Chromate 100	Richard Street	Richard St Interceptor	Jersey City	P.L.	A.D.
Hudson Co. Chromate 101	Routes 1 & 9 & Stockton Ave	CR101 Stockton Avenue	Jersey City	P.L.	A.D.
Hudson Co. Chromate 119	Kellogg Street	Droyers Point	Jersey City	Res.	A.D.
Hudson Co. Chromate 130	Communipaw Avenue	Communipaw 5 (CR104 & CR105)	Jersey City	Com.	A.D.
Hudson Co. Chromate 138	Foot of Oak Street	Bayonne Sewage Treatment Plant	Bayonne City	Ind.	O.G.1
Hudson Co. Chromate 139	Foot of East 22nd Street	IMTT (Bayonne Industries)	Bayonne City	Ind.	O.G.1
Hudson Co. Chromate 141	Foot of East 22nd Street	Zeneca Inc/ICI Americas	Bayonne City	Ind.	O.G.1
Hudson Co. Chromate 150	Foot of 5th Street East	Coastal Oil (aka Belcher Co. of NY)	Bayonne City	Ind.	O.G.1
Hudson Co. Chromate 152	140 East 22nd Street	Kenrich Chemical	Bayonne City	Ind.	O.G.1
Hudson Co. Chromate 162	Oak & 5th Streets	Conrail Rail Spur	Bayonne City	P.L.	O.G.1
Hudson Co. Chromate 165	Foot of Jersey Ave & Aetna St	Tempesta & Sons	Jersey City	Ind.	A.D.
Hudson Co. Chromate 172	Warren Street	CR172 Warren Street	Jersey City	P.L.	A.D.
Hudson Co. Chromate 174	1st Street	Dennis P. Collins Park	Bayonne City	P.L.	O.G.1
Hudson Co. Chromate 175	Grand Street	Former Morris Canal Site 2	Jersey City	Ind.	A.D.
Hudson Co. Chromate 177	Hook Road	Bayonne Municipal Lot	Bayonne City	P.L.	O.G.1
Hudson Co. Chromate 178	Burma Road & T. Conrad Dr.	Cabana Club	Jersey City	P.L.	A.D.
Hudson Co. Chromate 180	Howell Street	Eastern Oil	Jersey City	Com.	O.G.1
Hudson Co. Chromate 183	Randolph St. & Arlington Ave.	Sludge Line 1	Jersey City	P.L.	A.D.
Hudson Co. Chromate 185	Jersey Avenue	Allied Stockpile	Jersey City	Ind.	A.D.
Hudson Co. Chromate 186	947 Garfield Avenue	Garfield Avenue #1	Jersey City	Ind.	O.G.1
Hudson Co. Chromate 187	Rte 440, Danforth & Carbon Pl.	Rte. 440 Median Strip	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 188	Sussex Street	Sussex Street #1	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 189	Henderson & 2nd Streets	Henderson Street #1	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 191	Pershing Road	Port Imperial Marina	Weehawken	Com.	O.G.2
Hudson Co. Chromate 192	Eastern Spur-Piers 10S & 11S	NJTP-Newark #1	Newark City	P.L.	O.G.2
Hudson Co. Chromate 196	CRRNJ Freight Yard at LSP	POTW Outfall Line	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 197	Grand, Washington & Warren Sts	Grand Street	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 198	Caven Point Road	Hartz Mountain #1	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 199	Randolph Ave & Halladay St	Sludge Line 2	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 200	Arlington Ave & MLK Dr	Sludge Line 3	Jersey City	P.L.	O.G.2
Hudson Co. Chromate 202	Pacific St. & NJTP Exit 14C	Caven Point Realty	Jersey City	Ind.	O.G.2
Hudson Co. Chromate 203	NJ Transit & West Side Ave.	346 Claremont Associates	Jersey City	Ind.	O.G.2
Hudson Co. Chromate 204	NJTP & Monitor St.	Conrail Edgewater Branch	Jersey City	Ind.	O.G.2
Hudson Co. Chromate 205	1st St. and Washington St.	Urban Redevelopment Partnership	Jersey City	Ind.	O.G.2
Hudson Co. Chromate 206	200 Theodore Conrad Drive	Polarome International	Jersey City	Ind.	O.G.2
Hudson Co. Chromate 207	942, 944 & 946 Garfield Ave.	Garfield Avenue #2	Jersey City	Com.	O.G.2

Total Publicly Funded Chromium Sites as of June 30, 1998 **55**
24 Allied Directive, 31 Orphan Sites (15 in Group 1 and 16 in Group 2)

NJTP = New Jersey Turnpike

Ideal Cooperage Inc.

3-25, 29 New York Avenue

Jersey City

Hudson County

BLOCK: 712 **LOTS:** A-10, A-11

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Drum Reconditioning
OPERATION STATUS: Inactive

PROPERTY SIZE: 4.5 Acres

SURROUNDING LAND USE: Commercial

MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Volatile Organic Compounds Semi-Volatile Organic Compounds Metals	Potential
Soil	Volatile Organic Compounds Semi-Volatile Organic Compounds Metals Polychlorinated Biphenyls (PCBs)	Suspected
Sediments	Volatile Organic Compounds Semi-Volatile Organic Compounds Metals Polychlorinated Biphenyls (PCBs)	Potential
Surface Water	Volatile Organic Compounds Semi-Volatile Organic Compounds Metals	Confirmed

FUNDING SOURCES

1986 Bond Fund

AMOUNT AUTHORIZED

\$30,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Ideal Cooperage, Inc. operated a drum reconditioning facility at this site from 1952 until 1981, when the company filed for bankruptcy. A portion of the property was then sold and redeveloped as a trucking terminal. The remainder of the property, approximately 1.3 acres, was abandoned with approximately 2,000 drums on site. A drainage ditch flows through the site to a nearby river. USEPA conducted a removal action at the site in 1991, disposing of 200 drums of wastes and 1,200 empty drums. Samples collected from test pits after the removal action indicated the soil was contaminated with various organic and inorganic compounds, including mercury, PCBs and petroleum products. Contaminants were also detected in surface water samples collected from the drainage ditch. Between 1990 and 1991, NJDEP offered the Potentially Responsible Parties an opportunity to conduct an investigation and remediation of the site under an Administrative Consent Order and issued the Potentially Responsible Parties a directive requesting payment for NJDEP to do the work. In each case the Potentially Responsible Parties did not comply, citing lack of funds as the reason. The site was transferred to NJDEP's Division of Publicly Funded Site Remediation in 1997 for investigation using public funds. NJDEP plans to initiate a Remedial Investigation (RI) to delineate the extent of the contamination at the site in late 1998. The RI will include sampling of the soil and ground water, as well as the surface water and sediments in the drainage ditch. If the results of the RI indicate that remediation of the site is necessary, NJDEP will conduct a Remedial Action Selection (RAS) to evaluate cleanup alternatives.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Sitewide					
					<input type="checkbox"/> Planned
					<input checked="" type="checkbox"/> Underway
					<input type="checkbox"/> Completed
					<input type="checkbox"/> Not Required

Liberty State Park

Morris Pesin Drive and Freedom Way

Jersey City

Hudson County

BLOCK: 2154 **LOT:** 22K

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Landfill/Rail Yard/Munitions Depot
OPERATION STATUS: Ceased

PROPERTY SIZE: 1,156 Acres

SURROUNDING LAND USE: Recreational/Industrial

MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Metals	Further Delineation Required
Surface Water	Metals Pesticides	Confirmed
Soil	Metals Base/Neutral Extractable Compounds Petroleum Hydrocarbons	Delineated/Delineating/ Capped
Sediments	Metals Polycyclic Aromatic Hydrocarbons Petroleum Hydrocarbons Pesticides	Confirmed

FUNDING SOURCES	AMOUNT AUTHORIZED
Spill Fund	\$68,000
1981 Bond Fund	\$271,000
General State Fund	\$1,628,000
Hazardous Discharge Site Cleanup Fund	\$300,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The park land was originally created by filling in a marsh with New York City garbage and dredge material from the Hudson River Basin. Between the mid-1800s and the 1960s, the property was used extensively for railroad activities and for several small business operations. Various areas of the park have undergone development in recent years. Due to the previous operations and the historic use of fill material at the site, Remedial Investigations (RIs) were conducted as development progressed to determine whether remedial measures were needed to protect human health and the environment.

Between 1988 and 1995, NJDEP conducted RIs for the Dog Show Field, the Liberty Science Center, the Terminal Parking Lot, Liberty Walk, the Northern Marina, the Freight Yard (which includes the Dredge Spoils Area), and the McAllister Tug and Barge Area (which includes the Middle Cove). At the Dog Show Field, heavy metals and tar residues were detected which render the site unsuitable for use as a football field, but does not pose a health risk for passive recreation. Therefore, no remedial action is planned for this area at this time. The Liberty Science Center, the Terminal Parking Lot, Liberty Walk and the Northern Marina exhibited soil contamination consistent with historic fill. These areas have been developed utilizing a minimum of one foot of clean fill cover and/or asphalt cover to eliminate the exposure pathways of inhalation and direct contact. The land area adjacent to the Marina dock development is also being covered with one foot of clean fill to address soil contaminants identified during the RI.

Surface water and sediments collected from the Northern Marina during the RI indicated the presence of inorganic and organic contamination. These contaminants pose no threat to human health under current uses, except in the case of ingestion of marine life. Signs have been posted advising the public that fishing is prohibited at the Marina.












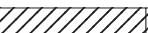











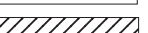

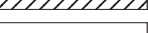

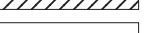
Upon development of the Freightyard area, a minimum of one foot of clean fill will be placed as cover in accordance with New Jersey remediation regulations for historic fill sites. This will be in addition to the Interim Remedial Measure (IRM) that was implemented in 1993, when the eight-foot high earthen berms that formed the impoundment for the Dredge Spoils Area of the Freight Yard were excavated and spread over the 335,000 cubic yards of dredged material to prevent it from being spread by the wind.

Liberty State Park

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NJDEP's Division of Parks and Forestry has received \$10 million in bond funds to develop the McAllister Tug and Barge Area (which is bordered by North Cove, Liberty Walk, the Interpretive Center and Freedom Way) as a passive recreation Green Park area. The RI for this area revealed that the soil is contaminated with residual oil from McAllister's former operations, as well as arsenic above levels typically found in historic fill. In early 1998, NJDEP issued a Remedial Action Selection Report (RASR) for this area of the park that required installation of one foot of clean cover material and a deed restriction on the property, and periodic removal of free product from on-site extraction wells. Construction of Green Park is underway and projected to be completed in early 1999.

Three additional areas of the park are under investigation to determine whether chromate waste had been used as fill material at these sites. At two of the areas, Caven Point Pier and Sewer Line Area of the Freight Yard, the presence of chromate waste has been confirmed and further investigations are necessary. No chromate waste has been detected in the soil at the third area, the Cabana Club, but additional sampling is necessary to complete the site characterization. In addition, NJDEP is determining the impact of park-wide ground water contamination on the adjacent New York Harbor. The ground water is not used for potable purposes and therefore does not present a risk to human health from ingestion.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Science Center & Marina					 Planned
IRM-Dredge Spoils					 Underway
Freight Yard Soils					 Completed
Ground Water					 Not Required
McAllister Petroleum					
Green Park Development					

PJP Landfill

Truck Routes 1 and 9 at Sip Avenue

Jersey City

Hudson County

BLOCK: 1627 **LOT:** 5C,7
1639 A 1C

CATEGORY: Superfund
State Lead

TYPE OF FACILITY: Landfill
OPERATION STATUS: Ceased

PROPERTY SIZE: 87 Acres

SURROUNDING LAND USE: Residential/Industrial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds
Pesticides
Metals
Phenols

STATUS

Delineated

Soil

Volatile Organic Compounds
Inorganic Compounds

Partially Removed/Capped

Air

Methane Gas

Venting

FUNDING SOURCES

Superfund
Spill Fund
General State Fund
Hazardous Discharge Spill Compensation Fund

AMOUNT AUTHORIZED

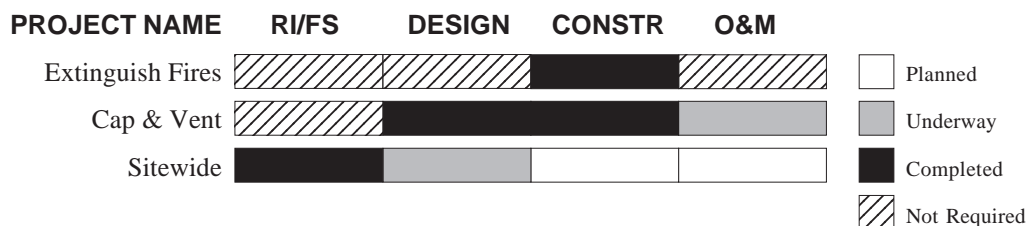
\$102,000
\$1,386,000
\$23,170,000
\$471,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site operated as a solid waste landfill between 1969 and 1974. It is suspected that the landfill was also used for the disposal of chemical and industrial wastes. Subsurface fires began burning at the site in the early 1970s. Scattered drums were visible on the surface of the site and additional drums became visible when cave-ins resulted from the subsurface fires.

USEPA placed PJP Landfill on the National Priorities List of Superfund sites in 1983, after contamination was detected in landfill leachate and the underlying shallow aquifer. In 1985, NJDEP conducted an Interim Remedial Measure (IRM) to extinguish the fires and secure 45 of the 87 acres. The landfill material was doused and re-compacted and 4,770 drums were removed and properly disposed of at an off-site facility. NJDEP also placed a soil cap over the 45-acre area, and installed a venting system to control the methane gas that was being generated by the landfill.

In 1986, NJDEP initiated a Remedial Investigation and Feasibility Study (RI/FS) for the site. The objectives of the RI/FS included determining the extent of the contamination at the site, evaluating cleanup alternatives, and identifying the locations of buried drums. In 1995, after completion of the RI/FS, USEPA issued a Record of Decision (ROD) with NJDEP concurrence. The ROD requires removal of all buried drum materials, installation of a solid waste-type cap over the uncapped portion of the landfill, and monitoring of the ground water for five years to evaluate the effect of the remedial action on contaminant levels. In June 1997, NJDEP and a group of 47 Potentially Responsible Parties for the site entered into an Administrative Consent Order in which the Potentially Responsible Parties agreed to implement the remedies specified in the ROD. The Potentially Responsible Parties are preparing to conduct an IRM to excavate and remove the buried drums, and will begin the Remedial Design for the landfill cap after the IRM has been completed.



Quality Tool and Die Company Incorporated

720-732 Grand Street

Hoboken City

Hudson County

BLOCK: 85 **LOT:** 14

CATEGORY: Superfund
Federal Lead

TYPE OF FACILITY: Mercury Vapor Lamp Manufacturer
OPERATION STATUS: Ceased

PROPERTY SIZE: 0.34 acre

SURROUNDING LAND USE: Residential/Commercial/Industrial

MEDIA AFFECTED	CONTAMINANTS	STATUS
Structure	Mercury	Delineated
Air	Mercury	Confirmed
Soil	Mercury	Confirmed
Ground Water	Mercury	Potential

FUNDING SOURCES

1986 Bond Fund
Superfund

AMOUNT AUTHORIZED

\$1,073,000
\$9,660,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Also known as the Grand Street Mercury Superfund Site, this site is a former industrial facility that was converted into residential and studio properties. Various industries operated in the existing building between 1910 and 1988. For several decades, mercury containing switches, mercury vapor lamps and other lighting products were manufactured at the facility by different companies. The Quality Tool and Die Company, the last industrial occupant, manufactured precision tools between 1955 and 1988.









In 1990, the owner of the Quality Tool and Die Company filed an application for cessation of operations under the Environmental Cleanup Responsibility Act (ECRA). A cleanup was conducted under ECRA which entailed placing an asphalt cap over a parking lot that was contaminated with petroleum hydrocarbons. In 1993, NJDEP approved the owner's Negative Declaration that stated that any hazardous discharges at the site had been addressed. Later that year, the Grand Street Artists Partnership (GSAP) purchased the property and began converting the building into residential condominiums. Tenants gradually moved into the building in 1994 as the individual units were completed. Shortly after the tenants began moving in, puddles of mercury were discovered under the flooring of units that were being renovated. An air survey conducted by GSAP indicated mercury vapors were present in various parts of the building. GSAP removed mercury-contaminated flooring and conducted other activities to remediate the building throughout 1995.

In late 1995, USEPA and the Hoboken Health Department began a joint investigation to assess the extent of the mercury problem at the site. Analysis of urine samples from 31 people associated with the building revealed that two thirds of the samples were positive for mercury. In early 1996, on the advice of the New Jersey Department of Health, the Hoboken Health Department ordered the 34 residents to vacate the building. At the same time, USEPA authorized a Superfund removal action for the site. The objectives of the removal action included providing temporary relocation assistance for the residents, securing and maintaining the building, screening the personal belongings of the residents for mercury, and delineating the extent of the mercury contamination.

In 1997, after completing a Focused Feasibility Study and Risk Assessment that concluded mercury contamination was present in the structural components of the building and in the soil beneath the parking lot, USEPA added the site to the National Priorities List of Superfund sites and issued a Record of Decision (ROD) with NJDEP's concurrence. The ROD requires the permanent relocation of the residents, removal and disposal of the flooring and other contaminated materials and demolition of the building. The ROD also requires additional sampling to delineate the extent of the mercury contamination in the soil around the site, and excavation and off-site disposal of the soil contaminated with mercury above cleanup guidelines. Ground water sampling will also be performed to determine if the mercury at the property has reached the underlying aquifer. USEPA plans to begin implementing the remedial actions specified in the ROD in 1999.

Quality Tool and Die Company Incorporated

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PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Sitewide					 Planned
					 Underway
					 Completed
					 Not Required

Syncon Resins

77 Jacobus Avenue

Kearny Town

Hudson County

BLOCK: 289 **LOT:** 12, 13, 13R

CATEGORY: Superfund
State Lead

TYPE OF FACILITY: Paint Manufacturing
OPERATION STATUS: Ceased

PROPERTY SIZE: 15 Acres

SURROUNDING LAND USE: Industrial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds
Base Neutral Extractable Compounds
Pesticides
Metals
Polychlorinated Biphenyls (PCBs)

STATUS

Treating

Soil

Volatile Organic Compounds
Base Neutral Extractable Compounds
Pesticides
Metals
Polychlorinated Biphenyls (PCBs)

Removed/Treating

Structures

Asbestos

Removed

FUNDING SOURCES

Superfund
Spill Fund
General State Fund
1986 Bond Fund

AMOUNT AUTHORIZED

\$25,000,000
\$1,300,300
\$2,300,000
\$755,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Syncon Resins manufactured paint, varnish and resins at this site until 1982. The plant is located in a coastal management area and borders the Passaic River. The facility consisted of 13 buildings, numerous large storage vessels and tanks, and two unlined wastewater lagoons. At the time operations ceased, approximately 13,000 55-gallon drums of various chemicals were being stored at the site, most of which were in poor condition and leaking. USEPA added the Syncon Resins facility to the National Priorities List of Superfund sites in 1983.

In 1984, NJDEP conducted an Interim Remedial Measure (IRM) to remove the drums, and began a Remedial Investigation and Feasibility Study (RI/FS) for the site. The RI/FS revealed that there was extensive contamination in the soil, ground water and buildings. In addition, large volumes of liquid and solid chemical wastes were found in the various storage vessels and tanks. In 1986, after completion of the RI/FS, USEPA issued a Record of Decision (ROD) with NJDEP concurrence. The ROD required the removal of the lagoon liquids and sediments and the contents of the storage vessels and tanks, excavation and disposal of the grossly contaminated soil, and decontamination of the buildings and other site structures. The ROD also required remediation of residual soil contamination by soil flushing, and installation of a system to extract and treat the contaminated ground water.

In 1989, NJDEP conducted a second IRM to remove thousands of small containers of chemicals from the on-site laboratory, and began the remedial actions specified in the ROD. By 1992, NJDEP had removed the lagoon liquids and other wastes from the site, decontaminated the buildings and tanks, excavated and removed the grossly contaminated soil, and completed construction of a soil flushing/ground water treatment system. The soil flushing/ground water treatment system is currently operational; however, NJDEP has determined that modifications to the system are required to address contamination located at the southwestern portion of the property. In 1997, while studies were being performed to develop these modifications, several areas of highly contaminated soil were delineated. NJDEP completed a Focused Feasibility Study evaluating remedial options for the contaminated soil in 1998, and expects to issue a Proposed Plan outlining its recommendations to address these areas in 1999. The final remedy for these areas will be formally selected in a second ROD for the site.

Syncon Resins

(Continued from previous page)

